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10 09

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RAW SEQUENCE LISTING   DATE: 10/26/2001
PATENT APPLICATION: US/09/944,403   TIME: 09:34:22

Input Set : N:\Crf3\temp\09944403.raw.txt
Output Set: N:\CRF3\10262001\I944403.raw

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 1 <110> APPLICANT: Baker, Kevin
 2            Botstein,David
 3            Eaton,Dan
 4            Ferrara,Napoleone
 5            Filvaroff,Ellen
 6            Gerritsen,Mary
 7            Goddard,Audrey
 8            Godowski,Paul
 9            Grimaldi,Christopher
10            Gurney,Austin
11            Hillan,Kenneth
12            Kljavin,Ivar
13            Napier,Mary
14            Roy,Margaret
15            Tumas,Daniel
16            Wood,William
17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
18            ACIDS ENCODING THE SAME
19 <130> FILE REFERENCE: P2548P1C1
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21 <141> CURRENT FILING DATE: 2001-09-26
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23 <151> PRIOR FILING DATE: 2001-05-25
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30 <150> PRIOR APPLICATION NUMBER: 60/069,278
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32 <150> PRIOR APPLICATION NUMBER: 60/069,425
W--> 33 <151> PRIOR FILING DATE: December 12, 1997
34 <150> PRIOR APPLICATION NUMBER: 60/069,696
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38 <150> PRIOR APPLICATION NUMBER: 60/069,702
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40 <150> PRIOR APPLICATION NUMBER: 60/069,870
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44 <150> PRIOR APPLICATION NUMBER: 60/068,017
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46 <150> PRIOR APPLICATION NUMBER: 60/070,440
W--> 47 <151> PRIOR FILING DATE: January 5, 1998
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RAW SEQUENCE LISTING   DATE: 10/26/2001
PATENT APPLICATION: US/09/944,403   TIME: 09:34:22

Input Set : N:\Crf3\temp\09944403.raw.txt
Output Set: N:\CRF3\10262001\I944403.raw

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        50 <150> PRIOR APPLICATION NUMBER: 60/074,092
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        56 <150> PRIOR APPLICATION NUMBER: 60/113,296
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        58 <150> PRIOR APPLICATION NUMBER: 60/146,222
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        68 <150> PRIOR APPLICATION NUMBER: 09/254,311
W--> 69 <151> PRIOR FILING DATE: March 3, 1999
        70 <150> PRIOR APPLICATION NUMBER: PCT/US99/12252
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        72 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
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        94 <150> PRIOR APPLICATION NUMBER: PCT/US00/32678
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RAW SEQUENCE LISTING   DATE: 10/26/2001
PATENT APPLICATION: US/09/944,403   TIME: 09:34:22

Input Set : N:\Crf3\temp\09944403.raw.txt
Output Set: N:\CRF3\10262001\I944403.raw

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    107         ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
    108         gtagtacatg gtggataact tctacttta ggaggactac tctcttctga 200
    109         cagtcctaga ctggtcttct acactaagac accatgaagg agtatgtgct 250
    110         cctattattc ctggctttgt gctctgccaa acccttcttt agcccttcac 300
    111         acatcgcact gaagaatatg atgctgaagg atatggaaga cacagatgat 350
    112         gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
    113         tccaacaaga gagccaagaa gccatttttt tccatttgat ctgtttccaa 450
    114         tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
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    117         gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag 650
    118         attcacccaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
    119         gtcccacaat caactaagtg aaataccact taatcttccc aaatcattag 750
    120         cagaactcag aattcatgaa aataaagtta agaaataca aaaggacaca 800
    121         ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaaccctct 850
    122         tgataataat gggatagagc caggggcatt tgaagggtg acggtgttcc 900
    123         atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
    124         ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
    125         acttgaggat tttaaacgat acaaagaact acaaaggctg ggcctaggaa 1050
    126         acaacaaaat cacagatatc gaaaatggga gtcttgctaa cataccacgt 1100
    127         gtgagagaaa tacatttgga aaacaataaa ctaaaaaaaa tcccttcagg 1150
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    132         agcttgggaa ctttggaatg taataattag taattggtaa tgtccattta 1400
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    135         actgacttat tttatgacaa gaaatttcaa cggaattttg ccaaactatt 1550
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    137         cgtacaaatg atcttacata aatctcatgc ttgaccattc ctttcttcat 1650
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    142         tatttttaat catcttaaag tatgatttga tataatctta ttgaaattac 1900
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152        gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
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164                       20                  25                  30
165        Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp Asp
166                       35                  40                  45
167        Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
168                       50                  55                  60
169        Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
170                       65                  70                  75
171        Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
172                       80                  85                  90
173        Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
174                       95                 100                 105
175        Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
176                      110                 115                 120
177        Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
178                      125                 130                 135
179        Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
180                      140                 145                 150
181        Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
182                      155                 160                 165
183        Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
184                      170                 175                 180
185        Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
186                      185                 190                 195
187        Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
188                      200                 205                 210
189        Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
190                      215                 220                 225
191        Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
192                      230                 235                 240
193        Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
194                      245                 250                 255
195        Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
196                      260                 265                 270
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RAW SEQUENCE LISTING   DATE: 10/26/2001
PATENT APPLICATION: **US/09/944,403**   TIME: 09:34:22

Input Set : **N:\Crf3\temp\09944403.raw.txt**
Output Set: **N:\CRF3\10262001\I944403.raw**

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198                          275              280              285
199          Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
200                          290              295              300
201          Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
202                          305              310              315
203          Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
204                          320              325              330
205          Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
206                          335              340              345
207          Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
208                          350              355              360
209          Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
210                          365              370              375
211          Asn Phe Gly Met
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214   <211> LENGTH: 20
215   <212> TYPE: DNA
216   <213> ORGANISM: Artificial Sequence
217   <220> FEATURE:
218   <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
219   <400> SEQUENCE: 3
220          ggaaatgagt gcaaaccctc 20
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223   <211> LENGTH: 24
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227   <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
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229          tcccaagctg aacactcatt ctgc 24
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248          ggccccgccg gccccgctgc tgctcctcgg gctgctgctg ctcggctccc 200
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VERIFICATION SUMMARY   DATE: 10/26/2001
PATENT APPLICATION: US/09/944,403   TIME: 09:34:23

Input Set : **N:\Crf3\temp\09944403.raw.txt**
Output Set: **N:\CRF3\10262001\I944403.raw**

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